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HP 3628  
GFW

In re Application of: Sean Boerner

Group Art Unit: 3628

Serial No: 09/815,360

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Examiner: Nguyen, Nga B

For: Method and System to Identify Discrete Trends in Time Series

Commissioner of Patents and Trademarks  
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### **RESPONSE TO FINAL OFFICE ACTION**

In response to the Office Action mailed February 28, 2005 applicant respectfully submits the following responses.

1. The Examiner has rejected all claims as being anticipated by a new reference- Rebane U.S. Patent No. 6,078,904. Applicant respectfully traverses the rejection.
2. Rebane does not describe or use trend analysis.

Rebane describes a system for allocating money to various investments based on their historical performance over a past period of time, the investor's tolerance for risk, and the investor's net worth. The goal is to come up with the fractional amounts of money that will be put into each of the investments if any. Rebane does not use trends in his analysis, nor does he use any type of trend analysis. The historical performance is accounted for by the use of a few statistical measures, but there is nothing in Rebane that suggests calculating trends or using them in his method.

The current invention relates to trend analysis. The method of the current invention is applied to a single series of numbers that have been constantly sampled in time or space to determine when trends end. The method is not limited to a time series of stock market data. For example, the method can be applied to finding geologic